

ABSTRACT

A coordination control device (50) of a power output apparatus includes a coordination control unit (114). The coordination control unit (114) calculates an intermediate value between the maximum value and minimum value among voltage controls (V_{u1r} , V_{v1r} , V_{w1r}) for a first motor generator (MG1), and voltage control (V_{acr}) from an AC voltage control generation unit (112) to generate an AC voltage across neutral points of first and second motor generators (MG1, MG2), and outputs a value that is each phase voltage control for the first and second motor generators (MG1, MG2) minus the calculated intermediate value to a PWM-signal generation unit (116) as the final voltage control for the first and second motor generators (MG1, MG2).